

Amendments to the Claims

1. (Canceled)
2. (Canceled)
3. (Currently Amended) A polypeptide of from 6 to 20 amino acids capable of inhibiting the activation of factor X in the presence of coagulation factor VIIla, said polypeptide comprising ~~The polypeptide of claim 1 wherein the polypeptide consists of~~ SEQ ID NO:5.
4. (Currently Amended) The polypeptide of claim 3 wherein the polypeptide ~~consists of~~ comprises SEQ ID NO:6, SEQ ID NO:7 or SEQ ID NO:8.
5. (Currently Amended) A polypeptide of from 9 to 20 amino acids capable of inhibiting the activation of factor X in the presence of coagulation factor VIIla, said polypeptide comprising ~~The polypeptide of claim 1 wherein the polypeptide consists of~~ SEQ ID NO:9, provided that Xaa of SEQ ID NO:9 is not cysteine.
6. (Currently Amended) The polypeptide of claim 5 wherein the polypeptide ~~consists of~~ comprises SEQ ID NO:10.
7. (Canceled)
8. (Currently Amended) A composition having anticoagulation activity wherein the composition comprises ~~a polypeptide consisting of SEQ ID NO:5; a~~ polypeptide of from 6 to 20 amino acids capable of inhibiting the activation of factor X in the presence of coagulation factor VIIla, said polypeptide comprising ~~The polypeptide of claim 1 wherein the polypeptide consists of~~ SEQ ID NO:5.
9. (Currently Amended) The composition of claim 8 wherein the polypeptide comprises ~~polypeptide is~~ SEQ ID NO:6.
10. (Currently Amended) The composition of claim 8 wherein the polypeptide comprises ~~polypeptide is~~ SEQ ID NO:7.
11. (Currently Amended) The composition of claim 8 wherein the polypeptide comprises ~~polypeptide is~~ SEQ ID NO:8.

12. (Currently amended) A composition having anticoagulation activity wherein the composition comprises a polypeptide of from 9 to 20 amino acids capable of inhibiting the activation of factor X in the presence of coagulation factor VIIIa, said polypeptide comprising ~~consisting of SEQ ID NO:9.~~ SEQ ID NO:9, provided that Xaa of SEQ ID NO:9 is not cysteine.

13. (Original) The composition of claim 12 wherein the polypeptide is SEQ ID NO:10.

14. (New) The polypeptide of claim 3, wherein said polypeptide further comprises a covalently attached detectable moiety.

15. (New) The polypeptide of claim 14, wherein said detectable moiety is radioactive or fluorescent.

16. (New) The polypeptide of claim 4, wherein said polypeptide further comprises a covalently attached detectable moiety.

17. (New) The polypeptide of claim 16, wherein said detectable moiety is radioactive or fluorescent.

18. (New) The polypeptide of claim 5, wherein said polypeptide further comprises a covalently attached detectable moiety.

19. (New) The polypeptide of claim 18, wherein said detectable moiety is radioactive or fluorescent.

20. (New) The polypeptide of claim 6, wherein said polypeptide further comprises a covalently attached detectable moiety.

21. (New) The polypeptide of claim 20, wherein said detectable moiety is radioactive or fluorescent.